

# **Health and Disease Summary**

**January 1–July 31, 2020**



# South Dakota Infectious Disease Summary 2020

Disease/Agent	Cases YTD	Rate	5-Year Median YTD	Percent change
Campylobacter	213	24.1	341	-28%
Carbapenem-resistant Enterobacteriaceae	14**	1.6	31	-55%
Chlamydia	2,313	261.5	2,587	-11%
Coccidioidomycosis	1	0.1 <sup>‡</sup>	4*	-75%
Cryptosporidiosis	54	6.1	97	-44%
Cyclosporiasis	17	1.9 <sup>‡</sup>	4	+325%
E. coli, shiga toxin-producing	47	5.3	52	-10%
Ehrlichiosis	0	0.0 <sup>‡</sup>	1	-100%
Giardiasis	33	3.7	58	-43%
Gonorrhea	1,315	148.6	725	+81%
Haemophilus influenzae, invasive	4	0.5	12	-67%
Hantavirus	0	0.0 <sup>‡</sup>	0	--
Hepatitis A	3	0.3 <sup>‡</sup>	1	+200%
Hepatitis B, chronic	8	0.9	26	-69%
Hepatitis C, acute and chronic	241	27.2	349	-31%
HIV, including Stage III (AIDS)	26	2.9	17	+53%
Legionellosis	2	0.2	6	-67%
Listeriosis	0	0.0 <sup>‡</sup>	0	--
Lyme disease	2	0.2 <sup>‡</sup>	6	-67%

YTD: Year-to-Date    Rate: Cases per 100,000 population    5-Year Median: 2015–2019 (\* Denotes 4-Year Median: 2016–2019) ‡ Unstable rate based on <20 observations  
\*\* This year on includes clinical cultures and colonizations

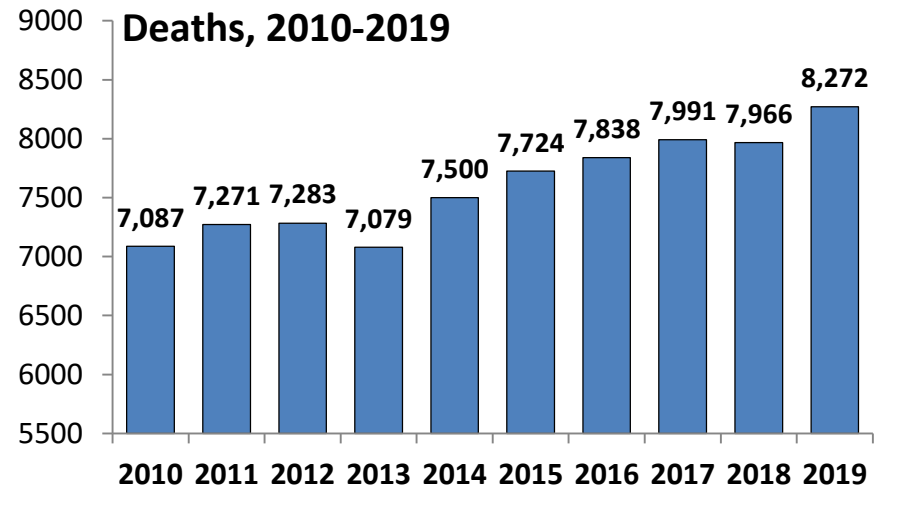
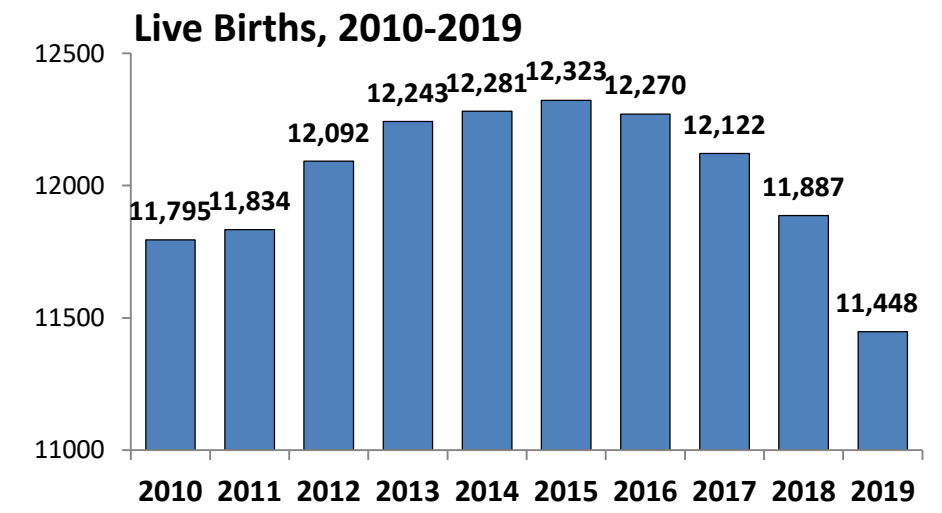
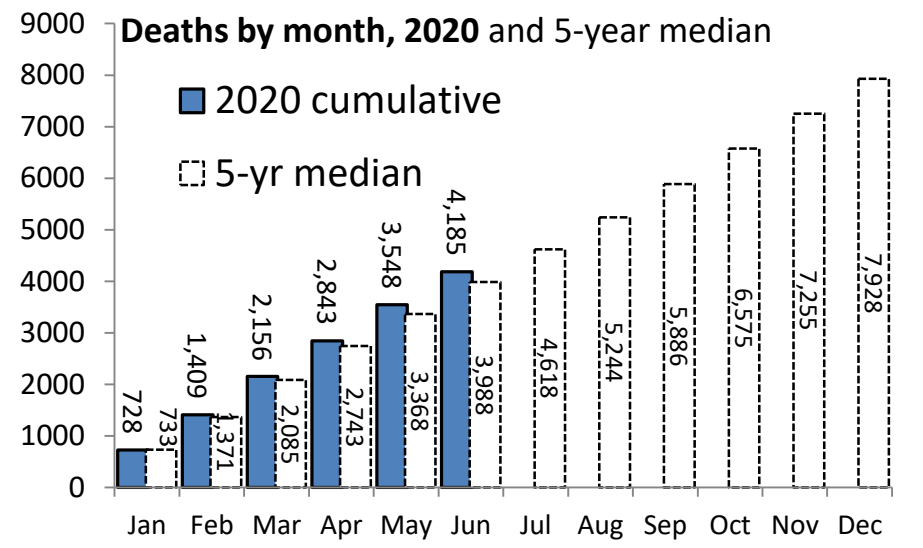
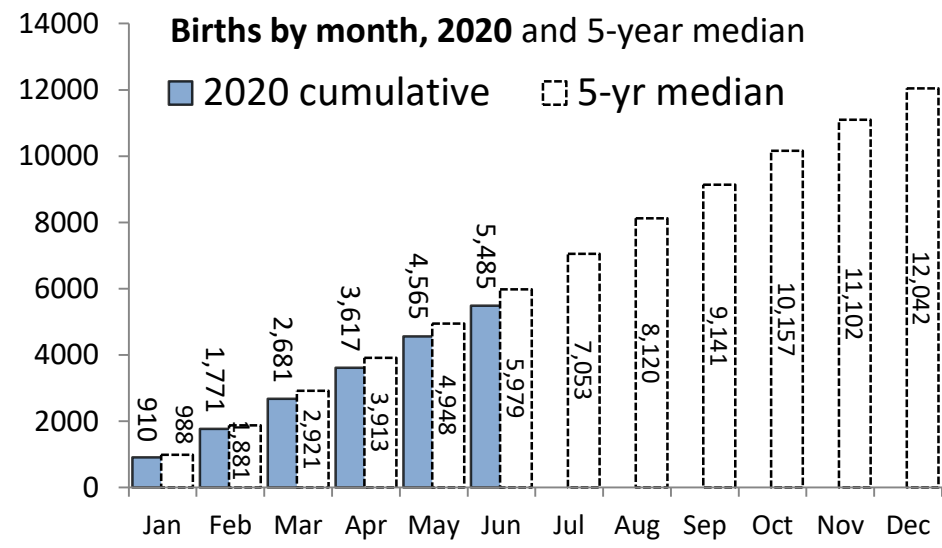


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Disease/Agent	Cases YTD	Rate	5-Year Median YTD	Percent change
Malaria	1	0.1 <sup>‡</sup>	4	-75%
Measles	0	0.0 <sup>‡</sup>	0	--
Mumps	0	0 <sup>‡</sup>	0	--
MRSA, invasive	32	3.6	86	-63%
Pertussis	8	0.9	12	-33%
Pneumococcal disease, invasive	34	3.8	70	-51%
Q fever	0	0 <sup>‡</sup>	5	-100%
Rabies, animal	6	NA	13	-54%
Salmonella	51	5.8	137	-63%
Shigella	6	0.7 <sup>‡</sup>	17	-65%
Spotted fever Rickettsiosis	0	0 <sup>‡</sup>	6	-100%
Syphilis, early	22	2.5	29	-24%
Toxic shock syndrome	0	0.0 <sup>‡</sup>	--	--
Tuberculosis	11	1.2 <sup>‡</sup>	8	+38%
Tularemia	7	0.8 <sup>‡</sup>	12	-42%
Varicella	6	0.7	17	-65%
Vibriosis	1	0.1 <sup>‡</sup>	4	-75%
West Nile Virus	3	0.3 <sup>‡</sup>	33	-91%

YTD: Year-to-Date    Rate: Cases per 100,000 population    5-Year Median: 2015–2019 (\* Denotes 4-Year Median: 2016–2019)  
‡ Unstable rate based on <20 observations

# Births and Deaths, South Dakota, 2020



# *South Dakota Department of Health*

[doh.sd.gov/strategicplan](http://doh.sd.gov/strategicplan)

***Vision*** **Healthy** People  
**Healthy** Communities  
**Healthy** South Dakota

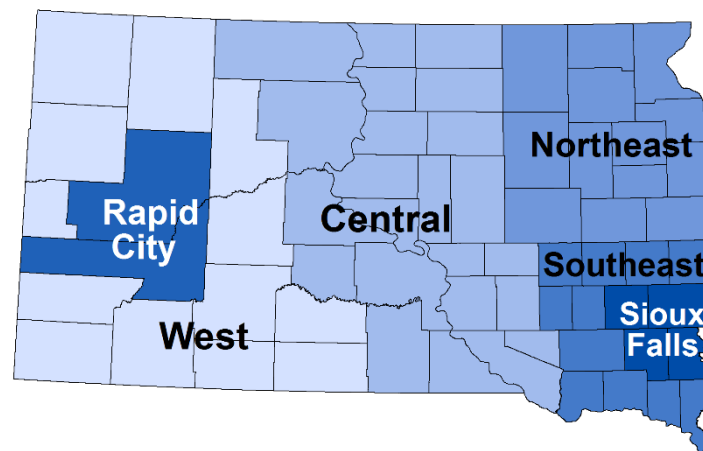
***Mission*** **To promote, protect and improve the health of every South Dakotan**

***Guiding Principles***  
**Serve** with integrity  
**Eliminate** health disparities  
**Demonstrate** leadership and accountability  
**Focus** on prevention and outcomes  
**Leverage** partnerships  
**Promote** innovation



# South Dakota Regions

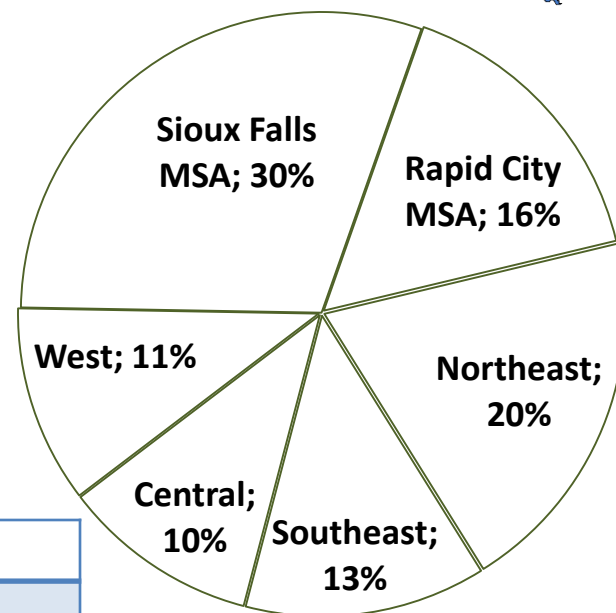
Region	Population	%	Area (sq miles)	Density (people per sq mile)
Sioux Falls MSA*	265,653	29.8%	3,141	84.6
Rapid City MSA*	140,023	15.9%	6,247	22.4
Northeast	175,258	19.8%	12,277	14.3
Southeast	114,333	13.0%	5,863	19.5
Central	93,281	10.8%	24,860	3.8
West	93,687	10.7%	23,508	4.0
South Dakota	882,235	100%	75,896	11.6



\*Metropolitan Statistical Area

Age Group	2018 Population	%
<1 year	12,109	1%
1–4 years	50,023	6%
5–14 years	121,644	14%
15–24 years	117,259	13%
25–39 years	172,102	20%
40–64 years	262,244	30%
>65 years	146,854	17%

Region	Population
East River	620,995
West River	261,240



## Reportable Diseases List

<https://doh.sd.gov/diseases/infectious/reporting.aspx>

## Monthly surveillance reports

<http://doh.sd.gov/statistics/surveillance>

## How to report infectious diseases

1. Secure disease reporting website: <http://sd.gov/diseasereport>
2. Telephone: **1-800-592-1861** or **605-773-3737** during normal business hours or after hours for Category I diseases.
3. Fax: **605-773-5509**
4. Mail or courier: Office of Disease Prevention, SD Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "*Confidential Disease Report*"

## Department of Health publications

- **Public Health Bulletin:** <http://doh.sd.gov/resources/bulletin.aspx>
- **Adult Risk Behaviors:** <http://doh.sd.gov/statistics/>
- **Youth Risk Behaviors** (Dept of Education): <http://doh.sd.gov/statistics/YRBS.aspx>
- **PRAMS** (Pregnancy risk assessment monitoring system) <https://doh.sd.gov/statistics/prams.aspx>